

To: Pease, Anita[Pease.Anita@epa.gov]
From: Garber, Kristina
Sent: Thur 5/18/2017 3:24:44 PM
Subject: RE: NFMS BiOp Review

Thanks. I'm working on the review of the population model appendix now.

I'll see how far I can get today on the diazinon sections.

From: Pease, Anita
Sent: Thursday, May 18, 2017 11:23 AM
To: Garber, Kristina <Garber.Kristina@epa.gov>
Subject: FW: NFMS BiOp Review

Hey Kris,

Just a heads up – we need your comments by COB today. Sorry that you were inadvertently left off the email chain. Turns out both Marietta and Rick want to see our comments before we send over to NMFS. Thanks,

Anita

From: Villanueva, Philip
Sent: Tuesday, May 09, 2017 7:33 PM
To: Corbin, Mark <Corbin.Mark@epa.gov>; Panger, Melissa <Panger.Melissa@epa.gov>; Pease, Anita <Pease.Anita@epa.gov>; Odenkirchen, Edward <Odenkirchen.Edward@epa.gov>; Eckel, William <Eckel.William@epa.gov>; Rossmeisl, Colleen <Rossmeisl.Colleen@epa.gov>; Peck, Charles <Peck.Charles@epa.gov>; Donovan, Elizabeth <Donovan.Elizabeth@epa.gov>; Nguyen, Khue <Nguyen.Khue@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>; Connolly, Jennifer <Connolly.Jennifer@epa.gov>; Spatz, Dana <Spatz.Dana@epa.gov>; Sankula, Sujatha <Sankula.Sujatha@epa.gov>; Shamim, Mah <Shamim.Mah@epa.gov>; Anderson, Brian <Anderson.Brian@epa.gov>; Holmes, Jean <Holmes.Jean@epa.gov>; Wendel, Christina <Wendel.Christina@epa.gov>; Judkins, Donna <Judkins.Donna@epa.gov>; Carleton, Jim <Carleton.Jim@epa.gov>; Perry, Tracy <Perry.Tracy@epa.gov>; Bohaty, Rochelle <Bohaty.Rochelle@epa.gov>; Kanarek, Andrew <Kanarek.Andrew@epa.gov>
Cc: Anderson, Brian <Anderson.Brian@epa.gov>; Corbin, Mark <Corbin.Mark@epa.gov>;

Echeverria, Marietta <Echeverria.Marietta@epa.gov>; Holmes, Jean <Holmes.Jean@epa.gov>; Nesci, Kimberly <Nesci.Kimberly@epa.gov>; Pease, Anita <Pease.Anita@epa.gov>; Sankula, Sujatha <Sankula.Sujatha@epa.gov>; Shamim, Mah <Shamim.Mah@epa.gov>; Spatz, Dana <Spatz.Dana@epa.gov>; Villanueva, Philip <Villanueva.Philip@epa.gov>

Subject: Re: NFMS BiOp Review

All,

Just a reminder that comments on the draft NMFS BiOp are due May 11th. Be sure to include your comments in the document link below.

Open [NMFS Draft BiOp Comments April 2017.docx](#)

Additional instructions are in the original email at the bottom of this chain if needed.

Thanks,

Phil

Philip Villanueva, Chief
Environmental Information Support Branch
Environmental Fate and Effects Division
Office of Pesticide Programs, U.S. EPA
1200 Pennsylvania Avenue, NW (7507P)
Washington, DC 20460
phone: (703) 308-8665

mobile: (571) 319-3318

fax: (703) 305-0204

e-mail: villanueva.philip@epa.gov

Visit OPP at www.epa.gov/pesticides/

From: Villanueva, Philip
Sent: Friday, April 28, 2017 8:25 AM
To: Corbin, Mark; Panger, Melissa; Pease, Anita; Odenkirchen, Edward; Eckel, William; Rossmeisl, Colleen; Peck, Charles; Donovan, Elizabeth; Nguyen, Khue; Blankinship, Amy; Connolly, Jennifer; Spatz, Dana; Sankula, Sujatha; Shamim, Mah; Anderson, Brian; Holmes, Jean; Wendel, Christina; Judkins, Donna; Carleton, Jim; Perry, Tracy; Bohaty, Rochelle; Kanarek, Andrew
Cc: OPP EFED Managers
Subject: RE: NFMS BiOp Review

Thanks Mark. I uploaded these to the SharePoint site. If others have comments from previous reviews please upload as well.

Go to Draft BiOps Comments

Phil

PS: For those handling folder permissions, you have to go the properties of the folder and manually remove access rights for user groups that inherit permissions from the home SharePoint site. For example, I had to remove read permission for the "FWS -EFED ESA Pilots" group.

Philip Villanueva, Chief
Environmental Information Support Branch
Environmental Fate and Effects Division
Office of Pesticide Programs, U.S. EPA
1200 Pennsylvania Avenue, NW (7507P)
Washington, DC 20460
phone: (703) 308-8665

mobile: (571) 319-3318
fax: (703) 305-0204
e-mail: villanueva.philip@epa.gov

Visit OPP at www.epa.gov/pesticides/

From: Corbin, Mark

Sent: Friday, April 28, 2017 7:37 AM

To: Villanueva, Philip <Villanueva.Philip@epa.gov>; Panger, Melissa <Panger.Melissa@epa.gov>; Pease, Anita <Pease.Anita@epa.gov>; Odenkirchen, Edward <Odenkirchen.Edward@epa.gov>; Eckel, William <Eckel.William@epa.gov>; Rossmeisl, Colleen <Rossmeisl.Colleen@epa.gov>; Peck, Charles <Peck.Charles@epa.gov>; Donovan, Elizabeth <Donovan.Elizabeth@epa.gov>; Nguyen, Khue <Nguyen.Khue@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>; Connolly, Jennifer <Connolly.Jennifer@epa.gov>; Spatz, Dana <Spatz.Dana@epa.gov>; Sankula, Sujatha <Sankula.Sujatha@epa.gov>; Shamim, Mah <Shamim.Mah@epa.gov>; Anderson, Brian <Anderson.Brian@epa.gov>; Holmes, Jean <Holmes.Jean@epa.gov>; Wendel, Christina <Wendel.Christina@epa.gov>; Judkins, Donna <Judkins.Donna@epa.gov>; Carleton, Jim <Carleton.Jim@epa.gov>; Perry, Tracy <Perry.Tracy@epa.gov>; Bohaty, Rochelle <Bohaty.Rochelle@epa.gov>; Kanarek, Andrew <Kanarek.Andrew@epa.gov>

Cc: OPP EFED Managers <OPP_EFED_Managers@epa.gov>

Subject: RE: NFMS BiOp Review

As promised from yesterday's meeting here are comment and response documents I found from the original NMFS OP biop from 2008. Would probably be prudent to make sure we cross walk any new comments with what we said on the original OP BiOp

For some reason I believe we had a more detailed review of the Pop Model from that time but have not found it yet. I found a more detailed comment document by Kris on the Population Modeling but don't see a final.

mark

From: Villanueva, Philip

Sent: Thursday, April 27, 2017 5:03 PM

To: Panger, Melissa <Panger.Melissa@epa.gov>; Pease, Anita <Pease.Anita@epa.gov>; Odenkirchen, Edward <Odenkirchen.Edward@epa.gov>; Eckel, William <Eckel.William@epa.gov>; Rossmeisl, Colleen <Rossmeisl.Colleen@epa.gov>; Peck, Charles <Peck.Charles@epa.gov>; Donovan, Elizabeth <Donovan.Elizabeth@epa.gov>; Nguyen, Khue <Nguyen.Khue@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>; Connolly, Jennifer <Connolly.Jennifer@epa.gov>; Spatz, Dana <Spatz.Dana@epa.gov>; Sankula, Sujatha <Sankula.Sujatha@epa.gov>; Shamim, Mah <Shamim.Mah@epa.gov>; Anderson, Brian <Anderson.Brian@epa.gov>; Holmes, Jean <Holmes.Jean@epa.gov>; Wendel, Christina <Wendel.Christina@epa.gov>; Judkins, Donna <Judkins.Donna@epa.gov>; Corbin, Mark <Corbin.Mark@epa.gov>; Carleton, Jim <Carleton.Jim@epa.gov>; Perry, Tracy <Perry.Tracy@epa.gov>; Bohaty, Rochelle <Bohaty.Rochelle@epa.gov>; Kanarek, Andrew <Kanarek.Andrew@epa.gov>

Cc: OPP EFED Managers <OPP_EFED_Managers@epa.gov>

Subject: NFMS BiOp Review

All,

At our meeting last week, we had discussed reviewing the draft BiOp from NMFS by May 11th. Although the document has several pages, we are focusing our review on some very key sections identified below.

2. The Assessment Framework (15 pages) – Phil, Melissa, & Kris

11.4 Pesticide mixtures (9 pages) – Chuck and Ed

11.6 Species Risk Analysis - Melissa, Kris, & Amy

Focus on 2 of 7 groups of species (anadromous and marine fish) with majority, if not all jeopardy calls. Although these vary slightly across chemicals, jeopardy calls were made for salmon & steelhead fish, marine fish, & killer whale (indirect effects). There are lots of tables & graphs, but focus on Effect Analysis Summary paragraph at the end of each species section. The species scorecards (i.e., slidey bars) with jeopardy call start on page 1476.

Appendix A: Pacific Salmon Population Modeling (16 pages) – Andrew K & Kris

Mark is hunting down our comments on the previous BiOp material the team reviewed, which will likely be a good starting point for our review if little has changed since then.

Below are links to the word and pdf versions. Let Jen know if you need access.

Open [NMFS BiOp 8 Draft \(4-19-17\).pdf](#)

Open NMFS BiOp 8 Draft (4-19-17).docx

Finally, since the BiOp document is so large, we are compiling our comments in a separate word document (see link below), which the Services do not have access to. We'll move this document to another folder that they do have access to once we are ready to share. Let me know if you have any questions.

Open NMFS Draft BiOp Comments April 2017.docx

Phil

Philip Villanueva, Chief
Environmental Information Support Branch
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1200 Pennsylvania Avenue, NW (7507P)
Washington, DC 20460
phone: (703) 308-8665

mobile: (571) 319-3318
fax: (703) 305-0204
e-mail: villanueva.philip@epa.gov

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